

09/647140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE


In re the Application of :
 :
 Gary Kruh, et al. : Examiner:
 :
 Application No. 09/647,140 : Group Art Unit:
 :
 Filed: May 21, 2001 :
 :
 For: MRP-RELATED ABC TRANSPORTER ENCODING :
 NUCLEIC ACIDS AND METHODS OF USE THEREOF :

CERTIFICATE OF MAILING
 BY EXPRESS MAIL UNDER 37 CFR \$1.10

NUMBER OF EXPRESS MAIL MAILING LABEL EL676442438US
 DATE OF DEPOSIT WITH POSTAL SERVICE September 24, 2001

I hereby certify that this paper or fee is being deposited with the
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 under 37 C.F.R. \$1.10 on the date indicated above, and is addressed to the
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Jane C. Bogan
 Typed Name of Person
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 Signature of Person Mailing
 Paper or Fee

Hon. Commissioner of Patents and Trademarks
 Washington, DC 20231
 Box PCT

Dear Sir:

In response to the Notice of Missing Requirements Under 35 U.S.C. 371
 in the United States Designated/Elected Office (DO/EO/US), and Notice To Comply
 dated 23 July 2001 copies of which are enclosed herewith, we are completing the
 above-identified U.S. Patent Application of:

Gary Kruh, et al. U.S. Patent Application No. 09/647,140

The Notification of Missing Requirements in this case required
 submission of:

- Notification to Comply with Requirements for Patent Application
 Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures.

The following are submitted herewith:

Copy of Notification of Missing Requirements - Form PCT/DO/EO/905
 Copy of Notification to Comply - Form PCT/DO/EO/920
 2 Sheets of Applicant's Response to Notification of Missing
 Requirements (in duplicate)
 21 Sheets of Sequence Listing
 Computer Diskette.

Notification of
Missing Requirements
09/647,140
Page 2

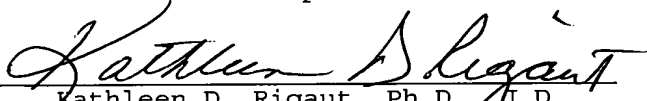
If any additional fees result from the changes made in accordance with this Response, authorization is given to charge Deposit Account No. 04-1406.

Kathleen D. Rigaut, Ph.D., J.D.
DANN, DORFMAN, HERRELL AND SKILLMAN, P.C.
1601 Market Street, Suite 720
Philadelphia, Pennsylvania 19103-2307

Respectfully submitted,
DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation

Direct all inquiries to the
undersigned agent

By: _____


Kathleen D. Rigaut, Ph.D., J.D.
PTO Registration No. 43,047

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COMMISSIONER OF PATENTS
AND TRADEMARKS
Washington, DC 20231

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Date of Mailing September 24, 2001	
Applicant's or Agent's Reference FCCC 98-02	
IDENTIFICATION OF THE U.S. APPLICATION NUMBER	
U.S. Appln. No. 09/647,140	U.S. Filing Date May 21, 2001
Applicant (name) Gary Kruh et al.	
APPLICANT'S RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS	

REMARKS

The present submission is in response to the Notification Of Missing Requirements Under 35 U.S.C. §371 In The United States Designated/Elected Office (DO/EO/US) dated July 23, 2001 enclosing a Notification To Comply With Requirements For Patent Application Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.

To comply with the requirements under 37 C.F.R. §§1.821-1.825, resubmitted herewith is a revised sequence listing of the nucleotide and amino acid sequences presented in the above-referenced application. The sequence listing is being resubmitted in both paper copy and computer-readable form. Applicants respectfully request entry of the sequence listing into the above identified patent application. The undersigned hereby verifies

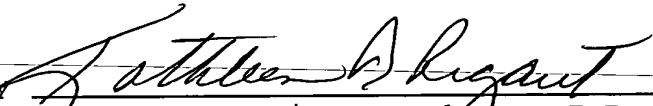
that the paper copy and computer readable form of the sequence listing are identical and do not contain any new matter.

In the event that a fee is required, the Commissioner is authorized to charge the account of the undersigned, Account No. 04-1406. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation

By


Kathleen D. Rigaut, Ph.D., J.D.
PTO Registration No. 43,047

Telephone: (215) 563-4100

Enclosures:

21 Sheets of Sequence Listing

Computer Diskette

Copy of Notification of Missing Requirements/Notice to Comply